

DENTAL HUB COMPANY

Products Catalogue

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ROSON

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DENTAL

MECCO

X-Smile

Toye®

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ROSON A1 PRO DENTAL UNIT



A professional dental unit designed for comfort, precision, and efficient daily clinical workflow.

The ROSON A1 PRO combines ergonomic design with smart digital control, a medical-grade 7-inch HD touchscreen, automatic metered water delivery, and customizable user settings for smoother operation and improved treatment efficiency. The unit is available in multiple configurations and colors to suit different clinic needs.

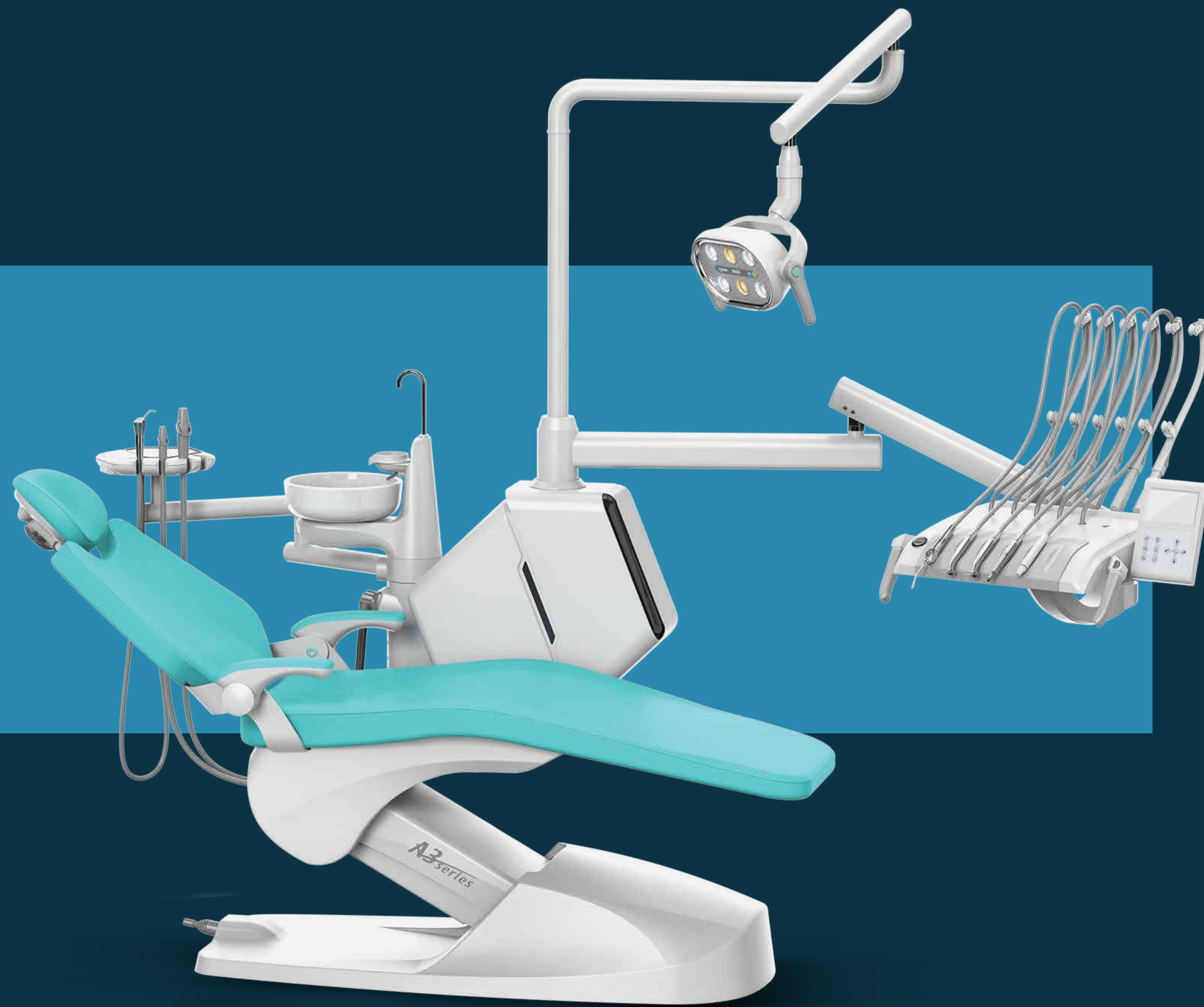
KEY FEATURES

- Ergonomic dental chair design
- Medical-grade color LCD touchscreen
- Durable, easy-to-clean structure
- Automatic metered water delivery system
- 5 user accounts with customizable memory positions
- Digital countdown timer with alert
- Removable ceramic spittoon
- Multiple color and upholstery options
- Customizable configuration: over-the-patient, swing-mounted, cart-mounted, or implant model

STANDARD CONFIGURATION

- ROSON intelligent control system
- 7-inch medical-grade HD touchscreen
- Nano-scale toughened glass touch panel
- 5-in-1 multifunctional storage box
- Stainless steel 3-way syringe
- Stainless steel spiral handpiece tubing
- Rolight E 8-bead LED dental light
- RS-07 professional dentist stool

ROSON A3S TOP MOUNTED DENTAL UNIT



Roson A3S Top Mounted Dental Unit is a premium ergonomic dental chair designed for advanced clinical performance and maximum treatment efficiency.

Featuring a top-mounted delivery system, medical-grade LCD interface, intelligent chair functions, and seamless microfiber upholstery, the A3S delivers comfort for both dentists and patients while supporting modern digital dental workflows.

KEY FEATURES

- Top-mounted delivery system
- Ergonomic patient chair design
- Medical-grade color LCD display
- Smart power-on self-test system
- Error code display for quick diagnostics
- Soft start / soft stop chair movement system
- One-key intelligent drainage system
- Handpiece holder with 4 adjustable angles (30°–80°)
- Seamless microfiber leather upholstery
- Digital illumination and color temperature control
- Infrared non-inductive dental light control
- Philips LED lamp beads
- Three customizable memory chair positions
- Intelligent spittoon flushing system
- Thermostatic water system
- Infrared & gravity dual-induction water supply
- Adjustable assistant table with anti-collision system
- Ergonomically shaped dentist stool

STANDARD CONFIGURATION

- Touch-free water control system
- Flexible and adjustable instrument placement
- Easy-clean durable structure
- Multiple upholstery color options
- Customizable configuration based on clinic requirements

ROSON A3S STANDARD DENTAL UNIT



The Roson A3S Standard Dental Unit combines modern ergonomic engineering with intelligent clinical functionality to provide a reliable and comfortable dental treatment experience.

Designed with smooth operation systems, advanced LED lighting, and customizable configurations, the unit supports efficient workflow management for contemporary dental clinics.

KEY FEATURES

- Ergonomic dental chair structure
- Medical-grade color LCD screen
- Smart digital operating interface
- Soft start / stop system for smooth movement
- Intelligent chair positioning system
- Digital dental light with adjustable brightness
- Infrared sensor light control
- Seamless microfiber leather upholstery
- Handpiece holder with adjustable positioning
- Intelligent drainage and spittoon cleaning system
- Air & water SMC polyether tubing
- Silent operation system
- Comfortable articulated headrest
- Multifunction foot control system
- Flexible assistant tray system
- Durable and easy-to-clean surfaces

STANDARD CONFIGURATION

- Timotion motor system
- LED dental light
- Stainless steel 3-way syringe
- Silent round pedal
- Four-way foot control
- Smart self-check system
- Error code display system

ROSON R2 PRO DENTAL UNIT



A reliable and ergonomic dental unit designed to support smooth daily workflow, patient comfort, and efficient clinical performance.

KEY FEATURES

- Ergonomic dental chair with soft start and soft stop program
- Multifunction foot control for hands-free operation
- Assistant element with control panel, 3-way syringe, and suction handles
- Polyether air & water tubing with hydrolysis and tear resistance
- AirTac air regulator for stable pressure and clean dry air
- Error self-check program for easier maintenance
- Moisture-resistant junction box for safer operation
- Stainless steel water filter for cleaner water supply
- Integrated suction filter, easy to remove and clean
- Comfortable RS03 dentist stool with integrated backrest and armrest
- Relight S LED dental light
- 24V water heater
- Air suction and water suction
- LED X-ray viewer

PERSONALIZATION

- Silicone rubber leather upholstery shade guide
- New tech materials, feel as comfortable as sitting on a throne.
- Breathable, cosy, skin-friendly, effectively resist the penetration of stains, easy clean.

ROSON S6 DENTAL UNIT



KEY FEATURES

- 1 Ergonomic Design.
- 2 Dentist Table Can Be Quickly Positioned By Ergonomically Handle.
- 3 Compact Workflow Design Ensures Dentist Reach Instruments, Table And Touch Panel With Less Time.
- 4 Pre-positions For Up Gradation Preparation.
- 5 Optimized For Four-Hand Operation.
- 6 Full Control From Assistant Table, Bracket & Foot Control.
- 7 Motor With 8000 N, Can Left Till 300 kg.
- 8 American Tubes.
- 9 Doctor Chair With Back Support. Ergonomically Designed Backrest And Flexible Adjusting Chair Height Ensures Th eMax.
- 10
- 11 2 Moduls High Speed, 1 Module Low Speed, 2 Module Syringe.
- 12 Multifunction Foot Control.
- 13 Low & High Suction.
- 14 Light Led & Halogen 6 Lamps The Chassis Is Strong & Resistance To Luster
- 15
- 16 comfortable Treatment Posture.
- 17 Casting Steel Chair Frame And Backrest Support.
- 18 Tilting Feature

ROSON R1 DENTAL UNIT

KEY FEATURES



- 1 Movable porcelain basin.
- 2 Multi-function pedal.
- 3 2 high-speed modules + 1 low-speed module + 2 shape syringe modules. Low/high section.
- 4 Full unit control via bracket and
- 5 pedal.
- 6 8000 Nm motors, lifting up to 300 kg.
- 7 Doctor's chair with backrest for greater comfort.
- 8 Wide unit dimensions for greater
- 9 patient comfort.
- 10 American-made tubing.
- 11 Robust, rust-resistant chassis

TOYE TY-E1 DENTAL UNIT



The Toye TY-E1 Dental Unit is a modern dental chair system designed to provide comfort, efficiency, and smooth workflow during dental procedures.

Featuring a streamlined design, ergonomic patient chair, and advanced assistant system, the unit helps optimize treatment operations while enhancing patient comfort.

KEY FEATURES

- Modern ergonomic dental unit design
- Comfortable articulated headrest
- Movable armrest for easier patient access
- 24V noiseless DC chair motor
- Anti-solidification LED sensor lamp
- Four-function foot pedal
- Detachable and rotatable spittoon
- Assistant tray with cup filler control system
- Handpiece water purification system
- Air brake instrument tray
- Saliva ejector with high and low suction
- 3-way syringe with cool/hot water
- 24V LED X-ray film viewer
- Simplified structure for easier treatment workflow

TOYE TY-830 DENTAL UNIT



KEY FEATURES

- 24V noiseless DC Taiwan motor — 1SET
- Superior Polyether Air/Water Tubes from Taiwan — 1SET
- 9 Chair position memory system — 1SET
- Chair position interlock and linkage function — 1SET
- Backrest with negative-angle design — 1SET
- The 45° Rotated cabinet box — 1SET
- Luxury Multi-function Pedal — 1SET
- Detachable & Rotatable spittoon — 1SET
- Auto Spittoon flush and cup filler control system — 1SET
- Handpiece water purified system — 1SET
- Pipeless disinfection system — 1SET
- High performance LED sensor lamp — 1SET
- High-grade articulated headrest — 1SET
- Air brake instrument tray — 1SET
- Saliva Ejector with high and low suction — 1SET
- 3-way syringe (cold/hot water) — 2SET
- 24V LED X-ray Film viewer — 1SET
- Integrated switch of water, air and electricity — 1SET
- Dentist Stool — 1SET

STEAM STERILIZER – CLASS N



Volume	18L
Voltage	220V / 110V
Frequency	50Hz / 60Hz
Power	1600W

STANDARD CONFIGURATION

- 1. Wrapped inst. 134°C B
- 2. Unwrapped inst. 134°C N
- 3. Plastic & Cotton 121°C B
- 4. Fabrics 121°C B
- 5. Surgical kit 134°C S
- 6. Liquids 121°C

Product size:

18L: 440 × 500 × 490 mm

Package size:

18L: 690 × 580 × 570 mm

PRODUCT FEATURES

Reliability: SUS304 chamber, one-time forming without welding.

Safety: Special designed heater with temperature protection and anti-overheating.

Drying: Auto-draining plus special heater reinforce the drying.

Convenience: No heater built in chamber; it's easy to load the instruments.

STEAM STERILIZER – CLASS B

SAFETY FIRST – DOUBLE DOOR LOOKING SYSTEM



AI-powered autoclave, supported by Easy & Smart Software.

Schedule a sterilization cycle at any time. Device 8 program

Autoclave with italian water pump

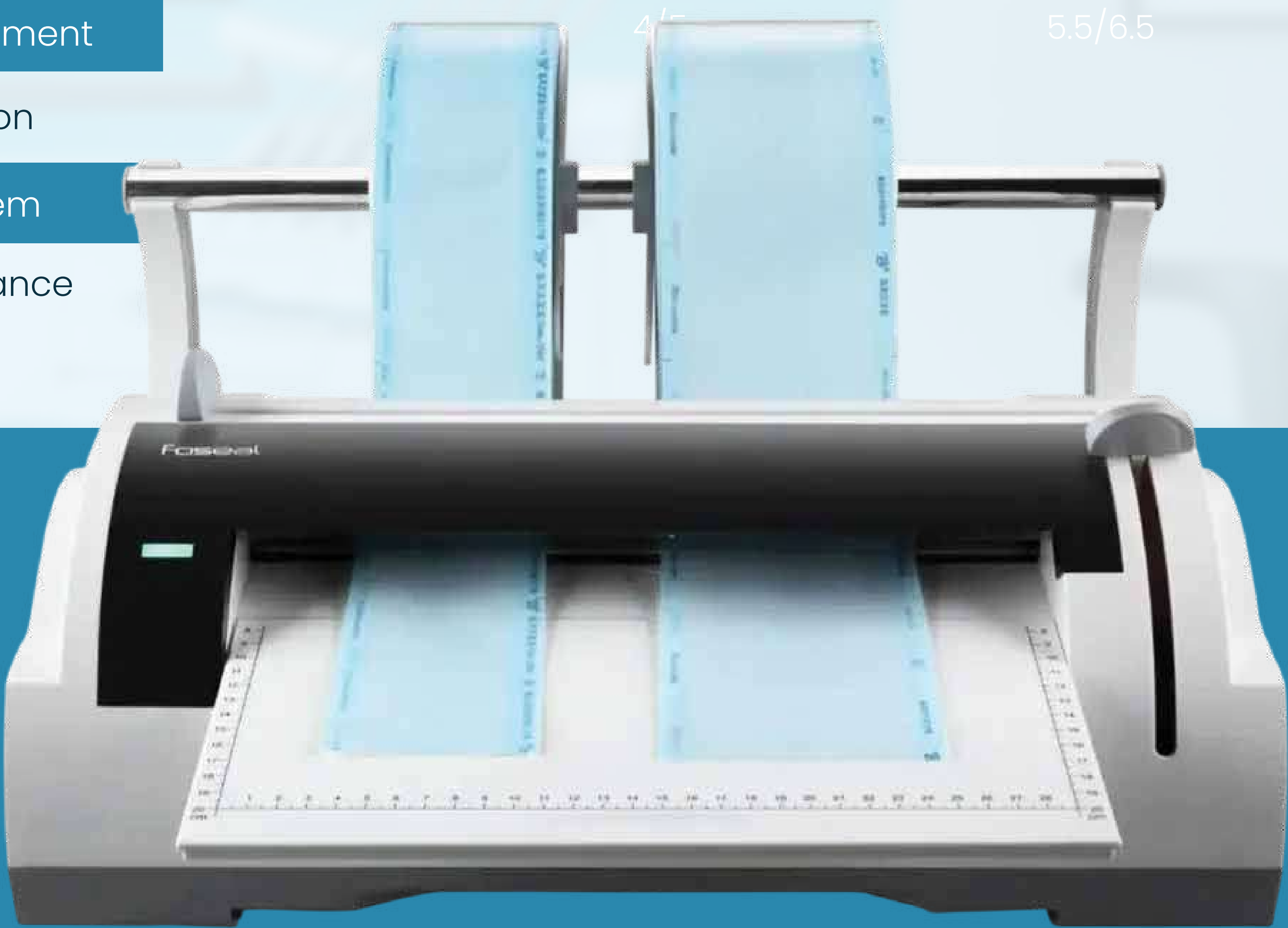
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Model	Foster Plus	Foster Plus
Voltage/Power	AC110/220V-1800W	AC110/220V-1800W
Chamber inner dimensions (mm)	Φ250 x 360	Φ250 x 450
Unit dimensions (mm)	655 x 440 x 475	655 x 440 x 475
Package size (mm)	770 x 580 x 570	770 x 580 x 570
Depth (cm)	60	60
Net weight/Gross weight (kg)	52/55	55/58
Capacity	18L	23L

- 1
- Using wide-angle LED color screen with soft light and touch keys for easier operation.
- 2
- Italian water pump and solenoid valve with more stable performance and longer service life.
- 3
- Large size condenser with dual fans perfectly meets the requirements of electrical safety.
- 4
- Safety first, double door locking-system.
- 5
- One-click program upgrade.
- 6
- One-click components fault self-test function.
- 7
- Program running curve dot matrix trend, clearly view the sterilization process in real time.
- 8
- Humanized reservation function making use more efficient and easier.
- 9
- 99% saturated steam makes sterilization more thorough.
- 10
- Intelligent drying system, keep away from the trouble of wet pack.
- 11
- The user can customize specific steralization cycle According to the material will be sterile

SEALING MACHINE – FOSEAL

Model	Foster Plus
Voltage/Power	AC110/220V-100W
Maximum sealing width (mm)	300
Max sealing length (mm)	12
Sealing Temperature	180°C +/-10°C
Package size (mm)	545 x 325 x 250
Net weight/Gross weight (kg)	4.5/5.5
Heating System	Automatic temperature adjustment
Stand-by System	Automatic stand-by function
Safety Feature	Overheating reminder system
Main Advantage	Energy-saving high-performance sealing



SEALING MACHINE – FOSEAL-02

Specification	Details
Rated Power	100W
Sealing Width	12 mm
Heating System	Automatic temperature adjustment
Stand-by System	Available
Safety Feature	Overheating reminder system
Main Advantage	Energy-saving high-performance sealing



AMALGAMATOR-IMIX



Voltage / Power	AC110 / 220V – 35W
Rotating Speed	4350 r/min
Package Size	285 × 270 × 270 mm
Net Weight / Gross Weight:	3.7 / 4.3 kg

KEY FEATURES

- LCD display
- Personalized operation system, adjust time and speed freely
- Time setting with memory function
- Security guard design: when the lid is open, the motor will stop
- Noiseless, very stable operation
- Reaches electrical safety standard with CE certificate
- Automatic alarm to remind
- Easy maintenance

X-SMILE MLG INTRAORAL CAMERA



KEY FEATURES

- Full image / 4-screen split view
- Video recording and playback
- QR code scan to download pictures
- USB disk storage
- Desktop and hanging dual-use design
- Suitable for documenting before, during, and after treatment
- 17-inch HD display
- 1080P high resolution camera
- 13MP high-resolution imaging
- Auto focus for clear intraoral images
- Multi-function handpiece buttons

Voltage	DC 5V
Resolution	1920 × 1080
Output	AHD
Size	385 × 335 × 45 mm
Voltage	DC 12V
Electric current	2.1A
Power	25W
Monitor size	17 inch
Storage	USB disk

X-SMILE BLEACHING



KEY FEATURES

- Adjustable and flexible goose neck for access of different angle positioning
- Consists of high-performance blue LEDs, high light-energy output at about 2000mW/cm²
- Wavelength range: 420–490nm
- With infrared remote control
- Ergonomic full arc head with timer display, patient can simply know how much whitening time remains

Blue light wavelength	420–490nm
High light-energy output over	2000mW/cm ²
Time set	1–30 minutes
Working voltage	DC 12V

MECCO ENDO MINI



Endo Mini is a smaller and lighter endo motor designed for comfortable root canal treatment.

It features a brushless motor for accurate and efficient power output, a 360° rotatable mini contra angle for easier access to posterior molars, and it can be used with an apex locator.

Torque	0.5–4 N·cm
Speed	120–1500 rpm
Weight	110 g with contra angle
Head Height	9.8 mm
Head Diameter	8 mm
Neck Diameter	6 mm

BRUSHLESS POWER, PRECISE TORQUE, AND DUAL-FUNCTION ENDODONTIC PERFORMANCE.

KEY FEATURES

- Smaller and lighter design
- Brushless motor
- More accurate and efficient power output
- Supports longer durations
- 360° rotatable mini contra angle
- Easier access to posterior molars
- Can be used with apex locator
- Compact head design

MECCO R7 APEX LOCATOR



Mecco R7 is a compact apex locator designed with new generation advanced multi-frequency technology for accurate root canal length measurement.

It features a 3.5" TFT screen, new digital circuit, foldable body, and adjustable viewing angle for a better visual experience and friendly operation. The screen clearly displays the file position, canal length indicator bar, apex mark, over mark, battery remaining, and alarm volume setting.

Screen	3.5" TFT Screen
Display Indicators	File position, canal length indicator bar, apex mark, over mark, number
Controls	ON/OFF switch, volume switch, demo switch
Technology	Advanced multi-frequency technology
Body Design	Foldable fuselage
Viewing Angle	Adjustable viewing angle

KEY FEATURES

- New generation advanced multi-frequency technology
- New digital circuit
- Better visual experience
- Foldable fuselage
- Adjustable viewing angle
- File position indicator
- Canal length indicator bar
- Apex mark
- Over mark
- Battery remaining display
- Alarm volume setting
- ON/OFF switch
- Volume switch
- Demo switch

MECCO Q8 PRO CURING LIGHT



Mecco Q8 Pro is a multi-wavelength LED curing light designed to deliver high-intensity curing performance with a slim 8.5 mm head for easier access to posterior areas and a better patient experience.

ENDO GUIDE LENGTH



Input	100–240 VAC, 50Hz/60Hz, 0.4A Max
Output	DC 5V / 2.0A
Light intensity	900 mW/cm ² – 3000 mW/cm ²
Wavelength	385 nm – 515 nm
Battery	1900 mAh
Net weight	272 g

KEY FEATURES

- Ultra-thin 8.5 mm head
- Quick charge
- Caries detection function
- Wide spectrum LED light
- High light intensity
- 1900 mAh battery
- Stable light intensity
- Intelligent management chip
- Built-in light meter in charging base
- EndoGuide lens & Microcure lens attachment
- Refined optics for excellent light collimation

MECCO Q5 CURING LIGHT



Compact cordless LED curing light designed for reliable daily dental curing procedures.

Mecco Q5 features three curing modes, stable light output, and a practical Type-C charging interface, with a lightweight design available in three colors.

Input	100–240V AC, 50Hz/60Hz, 0.4A
Output	DC 5V / 1.0A
Light intensity	1400mW/cm ² – 1600mW/cm ²
Wavelength	385nm – 515nm
Battery	800mAh
Net weight	210g

KEY FEATURES

- New generation LED light source
- Three modes: Full / Ramp / Pulse
- Constant light intensity output
- Maintains stable light intensity while power drops lower
- Large battery capacity
- Over 600 cycles under 10 sec mode
- Three colors available
- Three colors available

MECCO Q6 CURING LIGHT



Mecco Q6 is a cordless LED curing light designed for fast curing performance with wide spectrum output and stable light intensity.

It features a 360° rotatable metal tip, 10 mm diameter light tip, 1900 mAh large-capacity battery, and five curing modes to support different clinical needs, from quick curing to general resin composite curing and orthodontic bonding.

Input	100–240V AC, 50Hz/60Hz
Output	DC 5V / 1.0A
Light intensity	1000–3000 mW/cm ²
Wavelength	385–515nm
Battery	1900mAh
Net weight	215g

KEY FEATURES

- Fast cure in 1 sec
- 360° rotatable metal tip
- 10 mm diameter light tip
- Upgrade wide spectrum
- 1900 mAh large-capacity battery
- Maintains stable light intensity while power drops lower
- Output power: 1000–3000 mW/cm²
- Five curing modes
- Turbo & High mode for quick light cure
- Normal & Ramp mode for general resin composite curing
- Ortho mode for orthodontic bonding

I-CURE CURING LIGHT



KEY FEATURES

- Three curing modes: Normal, Ramp, Pulse
- Wavelength: 385–515nm
- Light intensity: 1400–1500mW/cm²
- New-generation LED light source
- Efficient heat dissipation
- Unique collimated light beam technology
- Stable and constant power output
- Long standby battery performance
- Ergonomic cordless design

The i-Cure Curing Light is a lightweight and efficient dental curing device designed for reliable daily clinical use. It features a new-generation LED light source, constant power output, and three working modes to ensure effective resin polymerization with stable light intensity.

THE I-CURE PRO



The i-Cure Pro is an advanced multiwavelength dental curing light designed for high-performance polymerization of all light-cured dental materials.

Featuring enhanced light intensity, ultra-thin metal head design, and four adjustable curing modes, the device provides excellent accessibility and clinical efficiency.

KEY FEATURES

- Multiwavelength LED technology
- Wavelength range: 385–515nm
- Light intensity: 1200–2500mW/cm²
- Ultra-thin 8.6mm metal head design
- Improved access to posterior curing areas
- Four adjustable curing modes
- High-intensity focused curing beam
- Comfortable ergonomic cordless body
- Suitable for all light-cured dental materials

MODES

- **TURBO:** 1s, 3s
- **FULL:** 3s, 5s, 10s
- **RAMP:** 3s, 5s, 10s
- **PULSE:** 3s, 5s, 10s

WATER DISTILLER – AQUA



Model	AQUA
Voltage/Power	AC110/220V-800W
Chamber inner dimensions (mm)	180 x 200
Unit dimensions (mm)	Φ235 x 390
Package size (mm)	290 x 260 x 455
Depth (cm)	4L
Net weight/Gross weight (kg)	4/5